Table 4-2

	Example			
	9	10	11	12
Component (X)	XA−2	XA−2	XA−2	XA−2
Component (H)	H−1	H−2	H−3	H−4
Development	○	○	○	○
Soldering-heat resistance	○	○	○	○
Flexibility	○	○	○	○
Heat-deterioration resistance	○	○	○	○
Nonelectrolytic gold-plating resistance	○	○	○	○

Table 4-3

	Example			
	13	14	15	16
Component (X)	XA−3	XA−3	XA−3	XA−3
Component (H)	H−1	H−2	H−3	H−4
Development	○	○	○	○
Soldering-heat resistance	○	○	○	○
Flexibility	○	○	○	○
Heat-deterioration resistance	○	○	○	○
Nonelectrolytic gold-plating resistance	○	○	○	○

Table 4-4

	Example			
	17	18	19	20
Component (X)	XA−4	XA−4	XA−4	XA−4
Component (H)	H−1	H−2	H−3	H−4
Development	○	○	○	○
Soldering-heat resistance	○	○	○	○
Flexibility	○	○	○	○
Heat-deterioration resistance	○	○	○	○
Nonelectrolytic gold-plating resistance	○	○	○	○

Table 4-5

	Comparative Example			
	2	3	4	5
Component (X)	XX−1	XX−1	XX−1	XX−1
Component (H)	H−1	H−2	H−3	H−4
Development	○	○	○	○
Soldering-heat resistance	○	○	○	○
Flexibility	△	△	×	×
Heat-deterioration resistance	△	△	×	×
Nonelectrolytic gold-plating resistance	○	○	○	○

The results of Example 5-20 and Comparative Example 2-5

reveal that the resin compositions of the present invention allow a good alkali development and can provide a cured membrane that is excellent in soldering-heat resistance, flexibility, heat-deterioration resistance, and nonelectrolytic gold-plating.

Example 21 and Comparative Example 6

(XA-5) and (XX-2) were each applied to a polyethylene terephthalate films having a thickness of 25μm uniformly and dried to remove solvent. The dried photosensitive layers had a thickness of 50μm. Then, each of the photosensitive layers was covered with a polyethylene film for the protective film to prepare a photosensitive laminated product.

A substrate for FPC (Trade name:F30VC125RC11, made by Nikkan Kogyo KK) obtained by laminating a 35μm thick copper foil on a polyimide base material was polished with a whetting brush, washed with water, and dried. The said photosensitive film was laminated on the above substrate (23℃) by a vacuum laminator.

The sample thus obtained was exposed to light at 200mJ/cm^2 by using the Stoffer's step tablet of 21 steps and a straight line of negative film having a line/space of 150μm/150μm, and was left at a room temperature for 30 minutes. The sample was